

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	112	("1602190"   "2380639"   "2590688"   "2654436"   "2733041"   "2852080"   "2893435"   "2928471"   "2943640"   "3029060"   "3090316"   "3104716"   "3160427"   "3215087"   "3378224"   "3402912"   "3566970"   "3628397"   "3675720"   "3712862"   "3937247"   "4031955"   "4167262"   "4194718"   "4213480"   "4230299"   "4240609"   "4337788"   "4413646"   "4444220"   "4471810"   "4493336"   "4503878"   "4650151"   "4691893"   "4732364"   "4735229"   "4844407"   "4971099").PN. OR ("1944840"   "2009/0266542"   "2009/0294125"   "2009/0294132"   "2009/0301727"   "2009/0301728"   "2010/0025034"   "2010/0044038"   "2010/0206546"   "2010/0206547"   "2010/0206576"   "2893435"   "4042033"   "4347899"   "4926898"   "5074519"   "5201491").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/06 15:36
L3	960	166/368	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/06 15:47
L4	7	L3 and white.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/06 15:47
S1	1	(10/590563).APP.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 12:20

S2	6	(production subsea) adj tree and wing adj block and lateral near3 port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/26 21:23
S3	32	(production subsea) adj tree and lateral near3 port and choke	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/26 21:39
S4	6	((("7080689") or ("20060065401") or ("20050100414")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 21:45
S5	10	((("20030146000") or ("20030145997") or ("6321843") or ("5807027") or ("4832124")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 22:00
S6	98	((("2233077") or ("2276883") or ("2790500") or ("3358753") or ("3688840") or ("3820558") or ("3957079") or ("4046191") or ("4099583") or ("4210208") or ("4291772") or ("4457489") or ("4503878") or ("4589493") or ("4702320") or ("4813495") or ("4832124") or ("4848475") or ("4899822") or ("5280766") or ("5299641") or ("5807027") or ("6053252") or ("6321843") or ("6457529") or ("6457530") or ("6651745") or ("6823941") or ("6966383") or ("7111687") or ("7210530") or ("7270185") or ("7569097") or ("7718676") or ("7740074")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 22:04
S7	20	((("20030145997") or ("20030146000") or ("20040057299") or ("20050109514") or ("20040154790") or ("20050058535") or ("20050028984") or ("20070144743") or ("20080128139") or ("20090126938")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 22:05

S8	73	((("3101118") or ("3593808") or ("3608631") or ("4260022") or ("4405016") or ("4502534") or ("4607701") or ("4626135") or ("4646844") or ("4848473") or ("4874008") or ("5010956") or ("5143158") or ("5295534") or ("5535826") or ("5544707") or ("5868204") or ("5971077") or ("5992527") or ("6050339") or ("6109352") or ("6138774") or ("6145596") or ("6227300") or ("6296453") or ("6460621") or ("6497286") or ("6557629") or ("6612368") or ("7201229")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 22:10
S9	23	((("5462361") or ("5678460") or ("5719481") or ("5944152") or ("6076605") or ("6116784") or ("6123312") or ("6637514") or ("7111687") or ("7270185") or ("7740074")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 22:11
S10	12	((("20010050185") or ("20020000315") or ("20020070026") or ("20040057299") or ("20040251030") or ("20050173322")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 22:11
S11	16	((("1944573") or ("1994840") or ("2132199")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/26 22:12
S12	226	S6 S7 S8 S9 S10 S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/26 22:12
S13	4	("4403658").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/27 18:00
S14	6	("2790500").URPN.	USPAT	OR	ON	2010/08/27 18:57
S15	143	(166/347).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/27 18:59
S16	1263	(166/368,360,344,338).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/27 18:59
S17	441	(166/347,344).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/27 19:00

S18	112	(production subsea) adj tree and lateral and choke	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/27 19:03
S19	246	S15 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/27 19:03
S20	2	("6637514").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/27 20:04
S21	22	("3101118"   "4260022"   "4405016"   "4502534"   "4607701"   "4848473"   "4874008"   "5010956"   "5143158"   "5535826"   "5544707"   "5868204"   "5971077"   "5992527"   "6050339"   "6145596"   "6227300"   "6460621").PN. OR ("7111687").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 20:41
S22	42	("2546638"   "3115934"   "3190354"   "3481395"   "4491176"   "4703807"   "5143158"   "5535826"   "5544707"   "5865250"   "5868203"   "5873415").PN. OR ("5992527").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 20:44
S23	197	("2092261"   "3101118"   "3163224"   "3209829"   "3211223"   "3215203"   "3259198"   "3372761"   "3474857"   "3587734"   "3592014"   "3603409"   "3638721"   "3870101"   "4046191"   "4063602"   "4149603"   "4284142"   "4291772"   "4405016"   "4436157"   "4527632"   "4531593"   "4591292"   "4595343"   "4611661"   "4625806"   "4629003"   "4630680"   "4676696"   "4784525"   "4842075"   "5143158"   "5535826"   "5575336"   "5868204"   "5873415"   "5884706"   "Re27340").PN. OR ("4813495"   "5255745"   "5299641"   "5971077").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 21:14

S24	22	("3705623"   "3827486"   "4887672"   "4942929"   "5085277"   "5129469"   "5213162"   "5226478"   "5255745"   "5339912"   "5341882"   "5372199"   "5544707"   "5613242"   "5662169"   "5884715"   "5971077"   "6039119").PN. OR ("6484807").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 21:29
S25	26	("3295600"   "3305015"   "3414056"   "3592263"   "3595311"   "3638732"   "3921500"   "4003428"   "4331203"   "4391330"   "4770248"   "5052941").PN. OR ("5213162").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 21:34
S26	315	(christmas xmas subsea) adj tree and choke and land\$3 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/27 21:47
S27	122	(christmas xmas) adj tree same subsea and choke and land\$3 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/27 21:48
S28	83	tree and subsea and choke and land\$3 and wing adj valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/27 22:07
S29	32	("3360048"   "3662822"   "4429746"   "4632188"   "4887672"   "4942929"   "5004051").PN. OR ("5085277"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 22:24
S30	68	("2092261"   "2546638"   "3101118"   "3115934"   "3190354"   "3211223"   "3474857"   "3481395"   "4405016"   "4491176"   "4703807"   "5143158"   "5535826"   "5544707"   "5575336"   "5865250"   "5868203"   "5868204"   "5873415"   "5884706").PN. OR ("5971077"   "5992527").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 22:53

S31	60	("3339632"   "3347311"   "3437149"   "3486556"   "3633667"   "3638732"   "3839608"   "4080025"   "4117287"   "4154302"   "4331203"   "4363168"   "4391330"   "4411454"   "4444218"   "4462464"   "4494602"   "4525918"   "4661017"   "4682913"   "4770248"   "4804045").PN. OR ("4899822"   "5280766").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 23:14
S32	60	("3339632"   "3347311"   "3437149"   "3486556"   "3633667"   "3638732"   "3839608"   "4080025"   "4117287"   "4154302"   "4331203"   "4363168"   "4391330"   "4411454"   "4444218"   "4462464"   "4494602"   "4525918"   "4661017"   "4682913"   "4770248"   "4804045").PN. OR ("4899822"   "5280766").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/27 23:14
S33	37	("3052299"   "3298092"   "3358753"   "3481396"   "3543847"   "R026668").PN. OR ("3710859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/28 07:13
S34	16	("3358753").URPN.	USPAT	OR	ON	2010/08/28 07:30
S35	12	("3547189"   "3585958"   "3605415"   "3724061").PN. OR ("3953982").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/28 07:31
S36	15	((("4096192") or ("20090260831") or ("7658228") or ("4401164") or ("4721163") or ("4874009"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/29 18:26
S37	4	((("4901164") or ("4879009"))). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/29 18:30
S38	6	((("4401164") or ("4874008"))). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/29 18:30
S39	3	("4046192").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/29 18:31
S40	7	((("4832124") or ("2005083228"))). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/28 05:43

S41	3	("7111687").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/28 05:50
S42	49	vertical adj (line passage) same tree and subsea	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 06:00
S43	4	("7201229").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/28 06:03
S44	22	("20050028984"   "2233077"   "2790500"   "4099583"   "4291772"   "4813495"   "5280766"   "5971077"   "6457529"   "6457530"   "6460621"   "6651745"   "6698520"   "6823941"   "6851444"   "6966383"   "7210530"   "7270185"   "7569097"   "7647974").PN. OR ("7740074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/28 06:08
S45	11	("20050028984"   "2233077"   "2790500"   "6457529"   "6457530"   "6823941"   "6966383").PN. OR ("7201229"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/28 06:11
S46	8	(Apparatus and Method and Recovering and Fluids and well). ti.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/28 06:49
S47	9	"7201229"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/04/28 16:29
S48	42	("1944840"   "20090266542"   "20090294125"   "20090294132"   "20090301727"   "20090301728"   "20100025034"   "20100044038"   "20100206546"   "20100206547"   "20100206576"   "2893435"   "4042033"   "4347899"   "4926898"   "5074519"   "5201491").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/06 13:47

S49	4	"7201229".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/06 13:59
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	739	tree.clm.	UPAD	AND	ON	2011/06/06 15:51

**6/ 6/ 2011 5:10:42 PM****C:\ Documents and Settings\ jsayre\ My Documents\ EAST\ Workspaces\ 10590563.wsp**